

**FILED**

Loren Jackson  
District Clerk

MAR 11 2010

No. 2009-32636

Time: \_\_\_\_\_  
Harris County, Texas  
By \_\_\_\_\_  
Deputy

HARRIS COUNTY, TEXAS,

and

THE STATE OF TEXAS,  
PLAINTIFFS,

v.

KLAUS GENSSLER, Individually, and  
d/b/a U.S. OIL RECOVERY, LP,  
MCC RECYCLING, LLP, and  
GENSSLER ENVIRONMENTAL  
HOLDINGS, LLC  
DEFENDANTS.

IN THE DISTRICT COURT

HARRIS COUNTY, TEXAS

125<sup>th</sup> JUDICIAL DISTRICT

**Temporary Injunction**

On March 8 and 11, 2010, the Court called a hearing on the State of Texas's application for temporary injunction. The State appeared through the Office of the Attorney General of Texas and Harris County appeared through the Harris County Attorneys Office. The Defendants appeared through counsel. After consideration of the State of Texas's application for temporary injunction, the pleadings, affidavits, and evidence, the Court finds that it has jurisdiction over the proceeding and that Defendant US Oil Recovery, LP and Defendant MCC Recycling, LLP are violating the Texas Water Code, the Texas Health and Safety Code and the rules promulgated thereunder. Therefore, the Court orders the following.

*likely to prevail on their claim + Defendant*  
*see*

**IT IS ORDERED, ADJUDGED, AND DECREED AS FOLLOWS:**

**1. DEFINITIONS**

1.1 As used in this Temporary Injunction the words and terms set forth below shall have the following meanings:

A. "State" shall mean the State of Texas.

- B. "US Oil" shall mean US Oil Recovery, L.P., a Texas corporation doing business in Harris County.
- C. "MCC Recycling" shall mean MCC Recycling LLP, a Texas Limited Liability Partnership doing business in Harris County.
- D. "400 Facility" shall mean the centralized waste treatment facility and nonhazardous industrial solid waste storage and/or processing facility owned and operated by US Oil located at 400 North Richey Street, Pasadena, Harris County, Texas. The 400 Facility is situated in an industrial and commercial area near Vince Bayou within Drainage Segment 1007 of the San Jacinto River Basin.
- E. "200 Facility" shall mean the facility owned and/or operated by MCC Recycling located at 200 North Richey Street, Pasadena, Harris County, Texas.
- F. "Hazardous waste" shall mean "[a]ny solid waste identified or listed as a hazardous waste by the administrator of the United States Environmental Protection Agency in accordance with the federal Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, 42 United States Code, §§ 6901 *et seq*". 30 T.A.C. § 335.1(67), attached as Exhibit A and incorporated herein by reference.
- G. "Class 1 wastes" shall mean "[a]ny industrial solid waste or mixture of industrial solid wastes which because of its concentration, or physical or chemical characteristics, is toxic, corrosive, flammable, a strong sensitizer or irritant, a generator of sudden pressure by decomposition, heat, or other means, or may pose a substantial present or potential danger to human health or the environment when improperly processed, stored, transported, or disposed of or otherwise managed, as further defined in 30 T.A.C. 335.505 (relating to Class 1 Waste Determination), " as defined by 30 Tex. Admin. Code (T.A.C.) § 335.1(19), attached as Exhibit A and incorporated herein by reference.
- H. "Class 2 wastes" shall mean "[a]ny individual solid waste or combination of industrial solid waste which cannot be described as hazardous, Class 1, or Class 3 as defined in 30 T.A.C. §335.506 (relating to Class 2 Waste

Determination),” as defined by 30 T.A.C. § 335.1(20), attached as Exhibit A and incorporated herein by reference.

- I. “Solid waste” shall be defined by 30 T.A.C. § 335.1(138), attached as Exhibit A and incorporated herein by reference.
- J. “Used Oil” shall mean “[a]ny oil that has been refined from crude oil, or any synthetic oil, that has been used, and, as a result of such use, is contaminated by physical or chemical impurities. . . .”, as defined by 30 T.A.C. § 335.1(167), attached as Exhibit A and incorporated herein by reference.
- K. “Day” or “Days” shall mean calendar days.

## **2. THE 400 FACILITY**

IT IS THEREFORE, ORDERED ADJUDGED, AND DECREED by the Court that Defendant, US Oil Recovery, L.P., and all of its employees, officers, directors, and other persons in concert or on Defendant US Oil’s behalf are enjoined and shall perform the following:

- 2.1 Within 24 hours of the effective date of the Injunction, US Oil shall no longer accept, take, receive or process any solid waste, including but not limited to hazardous waste, class 1 waste, class 2 waste, used oil, and industrial wastewater at the 400 Facility.
- 2.2 Within 24 hours of the effective date of the Injunction, US Oil shall begin the removal of all solid waste, including but not limited to Class 1 wastes, Class 2 waste, hazardous waste, used oil and industrial wastewater at the 400 Facility. US Oil shall thereafter diligently continue to remove all solid waste, including but not limited to Class 1 wastes, Class 2 waste, hazardous waste, used oil and industrial wastewater at the 400 Facility. All removed waste shall be disposed of at a TCEQ permitted disposal facility. The waste to be removed shall specifically include, but is not limited to solid waste contained in roll-off boxes, totes, drums, and frac tanks at the 400 Facility.

- 2.3 No later than 60 days after the effective date of the Injunction, US Oil shall have completed the removal of all solid waste, including but not limited to Class 1 wastes, Class 2 waste, hazardous waste, used oil and industrial wastewater at the 400 Facility.
- 2.4 Within 24 hours of the effective date of the Injunction, US Oil shall begin emptying the aeration basin at the 400 Facility of all contents. US Oil shall thereafter diligently continue to remove the contents until completed. All contents in the aeration basin shall be lawfully disposed of at a TCEQ permitted facility upon removal.
- 2.5 No later than 60 days after the effective date of the injunction, US Oil shall have completed the removal and properly disposed of all aeration basin contents at the 400 Facility at a TCEQ permitted facility.
- 2.6 Within 24 hours of the effective date of the Injunction, US Oil shall commence and thereafter continuously maintain records of all hazardous and industrial solid waste activities regarding the quantities generated, stored, processed, and disposed of on-site or shipped off-site for storage, processing, or disposal, in accordance with 30 T.A.C. § 335.9(a)(1), attached as Exhibit B and incorporated herein by reference.
- 2.7 No later than fourteen days after the effective date of the Injunction and no later than every fourteen days thereafter, Defendant US Oil shall each prepare and submit a Status Report for each requirement of the injunctive provisions in Sections 2.1 through 2.6 of this Injunction. The Status Report shall be in writing, and state the following information: (1) whether each requirement in the injunctive provisions has been completed and, if so, the manner of completion (how Defendant US Oil achieved compliance) and the date of compliance and (2) for each requirement in the injunctive provisions that has not been completed, if any, Defendant US Oil shall identify the requirement that has not been completed and identify what work has been performed and what work Defendant US Oil expect to be required to achieve compliance with the required task. The Status Report shall be submitted to Mr. Michael Meyer, Enforcement Coordinator, Enforcement Division MC 128, Texas Commission on Environmental Quality, at P.O. Box 13087, Austin, TX 78711-3087 (by certified mail, return receipt requested) or at Building C, 12100 Park 35 Circle, Austin, TX

78753 (for personal delivery), with a copy to the Office of the Attorney General, Environmental Protection Section, Environmental Protection and Administrative Law Division, 300 West 15<sup>th</sup> Street, Clements State Office Building 10<sup>th</sup> Floor, Austin, Texas 78701, ATTN: Sarah Jane Utley and a copy to Harris County Attorneys Office, 1019 Congress Avenue, 15<sup>th</sup> Floor, Houston, Texas, 77002, ATTN: Laura Fiorentino Cahill.

- 2.8 In addition to, and as a separate requirement from all other requirements in the injunction, US Oil shall immediately use its best efforts to comply with the above-mentioned injunctive provisions. If Defendant US Oil fails to comply wholly with a specific provision in sections 2.1 through 2.6 of the injunction but could have at least partially complied, Defendant US Oil must do so. By way of example, if US Oil could have removed and lawfully disposed of some, but not all, solid waste as ordered in Paragraph 2.2 and 2.3, the Court orders it to do so.

### **3. THE 200 FACILITY**

IT IS THEREFORE, ORDERED ADJUDGED, AND DECREED by the Court that Defendant, MCC Recycling, LLP, and all of its employees, officers, directors, and other persons in concert or on Defendant MCC Recycling's behalf are enjoined and shall perform the following:

- 3.1 Within 24 hours of the effective date of the Injunction, MCC Recycling shall no longer accept, take, receive or process any solid waste, including but not limited to hazardous waste, class 1 waste, class 2 waste, used oil, and industrial wastewater at the (including, but not limited to the acceptance of any solid waste, including but not limited to hazardous waste, class 1 waste, class 2 waste, used oil and industrial wastewater from the 400 Facility);
- 3.2 Within 24 hours of the effective date of the Injunction, MCC Recycling shall begin the removal of all solid waste, including but not limited to Class 1 wastes, Class 2 waste, hazardous waste, used oil and industrial wastewater at the 200 Facility. MCC Recycling shall thereafter diligently continue to remove all solid waste, including but not limited to Class 1 wastes, Class 2 waste, hazardous waste, used oil and industrial wastewater at the 200 Facility. All removed waste shall be lawfully disposed of at a TCEQ

permitted disposal facility.

- 3.3 No later than 60 days after the effective date of the injunction, MCC Recycling shall have completed the removal of all solid waste, including but not limited to Class 1 wastes, Class 2 waste, hazardous waste, used oil and industrial wastewater at the 200Facility.
- 3.4 No later than fourteen days after the effective date of the Injunction and no later than every fourteen days thereafter, Defendant MCC Recycling shall each prepare and submit a Status Report for each requirement of the injunctive provisions in Sections 3.1 through 3.3 of this Injunction. The Status Report shall be in writing, and state the following information: (1) whether each requirement in the injunctive provisions has been completed and, if so, the manner of completion (how Defendant MCC Recycling achieved compliance) and the date of compliance and (2) for each requirement in the injunctive provisions that has not been completed, if any, Defendant US Oil shall identify the requirement that has not been completed and identify what work has been performed and what work Defendant MCC Recycling expect to be required to achieve compliance with the required task. The Status Report shall be submitted to Mr. Michael Meyer, Enforcement Coordinator, Enforcement Division MC 128, Texas Commission on Environmental Quality, at P.O. Box 13087, Austin, TX 78711-3087 (by certified mail, return receipt requested) or at Building C, 12100 Park 35 Circle, Austin, TX 78753 (for personal delivery), with a copy to the Office of the Attorney General, Environmental Protection Section, Environmental Protection and Administrative Law Division, 300 West 15<sup>th</sup> Street, Clements State Office Building 10<sup>th</sup> Floor, Austin, Texas 78701, ATTN: Sarah Jane Utley and a copy to Harris County Attorneys Office, 1019 Congress Avenue, 15<sup>th</sup> Floor, Houston, Texas, 77002, ATTN: Laura Fiorentino Cahill.
- 3.5 In addition to, and as a separate requirement from all other requirements in the injunction, immediately use best efforts to comply with the above-mentioned injunctive provisions. If Defendant MCC Recycling fails to comply wholly with a specific provision in sections 3.1 through 3.3 of the injunction but could have at least partially complied, Defendant MCC Recycling must do so. By way of example, if MCC Recycling could have removed and lawfully disposed of some, but not all, solid waste as ordered

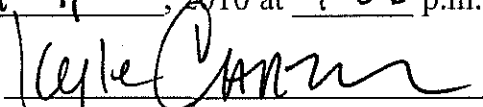
in Paragraph 3.2 and 3.3, the Court orders it to do so.

#### 4. GENERAL PROVISIONS

- 4.1 The effective date of this injunction is the date that it is signed by the court or served on the parties, whichever is later.
- 4.2 This Temporary Injunction may be executed in multiple counterparts, which together shall constitute a single original instrument. Any executed signature page to this injunction may be transmitted by facsimile transmission to the other parties, which shall constitute an original signature for all purposes.
- 4.3 Pursuant to Civ. Prac. & Rem. Code § 6.001, the State is not required to file a bond.

#### 5. TRIAL SETTING

5.1 It is further ORDERED that this case is set for trial on the merits at 9:00 a.m. on June 21, 2010.

SIGNED ON March 11, 2010 at 4:06 p.m.  
  
JUDGE PRESIDING

# **Exhibit A**



Tex. Admin. Code tit. 30, § 335.1

# C

Texas Administrative Code Currentness

Title 30. Environmental Quality

Part 1. Texas Commission on Environmental

Quality

Chapter 335. Industrial Solid Waste and Municipal Hazardous Waste

Subchapter A. Industrial Solid Waste and Municipal Hazardous Waste in General

→ § 335.1. Definitions

In addition to the terms defined in Chapter 3 of this title (relating to Definitions), the following words and terms, when used in this chapter, have the following meanings.

(1) Aboveground tank--A device meeting the definition of tank in this section and that is situated in such a way that the entire surface area of the tank is completely above the plane of the adjacent surrounding surface and the entire surface area of the tank (including the tank bottom) is able to be visually inspected.

(2) Act--Texas Health and Safety Code, Chapter 361.

(3) Active life--The period from the initial receipt of hazardous waste at the facility until the executive director receives certification of final closure.

(4) Active portion--That portion of a facility where processing, storage, or disposal operations are being or have been conducted after November 19, 1980, and which is not a closed portion. (See also "closed portion" and "inactive portion.")

(5) Activities associated with the exploration, development, and protection of oil or gas or geothermal resources--Activities associated with:

(A) the drilling of exploratory wells, oil wells, gas wells, or geothermal resource wells;

(B) the production of oil or gas or geothermal resources, including:

(i) activities associated with the drilling of injection water source wells that penetrate the base of usable quality water;

(ii) activities associated with the drilling of cathodic protection holes associated with the cathodic protection of wells and pipelines subject to the jurisdiction of the commission to regulate the production of oil or gas or geothermal resources;

(iii) activities associated with gasoline plants, natural gas or natural gas liquids processing plants, pressure maintenance plants, or repressurizing plants;

(iv) activities associated with any underground natural gas storage facility, provided the terms "natural gas" and "storage facility" shall have the meanings set out in the Texas Natural Resources Code, § 1.173;

(v) activities associated with any underground hydrocarbon storage facility, provided the terms "hydrocarbons" and "underground hydrocarbon storage facility" shall have the meanings set out in the Texas Natural Resources Code, § 91.201;

Tex. Admin. Code tit. 30, § 335.1

and

(vi) activities associated with the storage, handling, reclamation, gathering, transportation, or distribution of oil or gas prior to the refining of such oil or prior to the use of such gas in any manufacturing process or as a residential or industrial fuel;

(C) the operation, abandonment, and proper plugging of wells subject to the jurisdiction of the commission to regulate the exploration, development, and production of oil or gas or geothermal resources; and

(D) the discharge, storage, handling, transportation, reclamation, or disposal of waste or any other substance or material associated with any activity listed in subparagraphs (A)-(C) of this paragraph, except for waste generated in connection with activities associated with gasoline plants, natural gas or natural gas liquids processing plants, pressure maintenance plants, or repressurizing plants if that waste is a hazardous waste as defined by the administrator of the United States Environmental Protection Agency in accordance with the Federal Solid Waste Disposal Act, as amended (42 United States Code, §§ 6901 et seq.).

(6) Administrator--The administrator of the United States Environmental Protection Agency or his designee.

(7) Ancillary equipment--Any device that is used to distribute, meter, or control the flow of solid waste or hazardous waste from its point of generation to a storage or processing tank(s), between solid waste or hazardous waste storage and processing tanks to a point of disposal on site, or to a point of shipment for disposal off site. Such devices include, but are not limited to, piping, fittings, flanges, valves, and

pumps.

(8) Aquifer--A geologic formation, group of formations, or part of a formation capable of yielding a significant amount of groundwater to wells or springs.

(9) Area of concern--Any area of a facility under the control or ownership of an owner or operator where a release to the environment of hazardous wastes or hazardous constituents has occurred, is suspected to have occurred, or may occur, regardless of the frequency or duration.

(10) Authorized representative--The person responsible for the overall operation of a facility or an operation unit (i.e., part of a facility), e.g., the plant manager, superintendent, or person of equivalent responsibility.

(11) Battery--As defined in § 335.261 of this title (relating to Universal Waste Rule).

(12) Boiler--An enclosed device using controlled flame combustion and having the following characteristics:

(A) the unit must have physical provisions for recovering and exporting thermal energy in the form of steam, heated fluids, or heated gases;

(B) the unit's combustion chamber and primary energy recovery section(s) must be of integral design. To be of integral design, the combustion chamber and the primary energy recovery section(s) (such as waterwalls and superheaters) must be physically formed into one manufactured or assembled unit. A unit in which the combustion chamber and the primary energy recovery section(s) are joined only by ducts or connections carrying flue gas is not integrally

Tex. Admin. Code tit. 30, § 335.1

designed; however, secondary energy recovery equipment (such as economizers or air preheaters) need not be physically formed into the same unit as the combustion chamber and the primary energy recovery section. The following units are not precluded from being boilers solely because they are not of integral design:

(i) process heaters (units that transfer energy directly to a process stream); and

(ii) fluidized bed combustion units;

(C) while in operation, the unit must maintain a thermal energy recovery efficiency of at least 60%, calculated in terms of the recovered energy compared with the thermal value of the fuel; and

(D) the unit must export and utilize at least 75% of the recovered energy, calculated on an annual basis. In this calculation, no credit shall be given for recovered heat used internally in the same unit. (Examples of internal use are the preheating of fuel or combustion air, and the driving of induced or forced draft fans or feed-water pumps); or

(E) the unit is one which the executive director has determined, on a case-by-case basis, to be a boiler, after considering the standards in § 335.20 of this title (relating to Variance To Be Classified as a Boiler).

(13) Captive facility--A facility that accepts wastes from only related (within the same corporation) off-site generators.

(14) Captured facility--A manufacturing or production facility that generates an industrial solid waste or hazardous waste that is routinely stored, pro-

cessed, or disposed of on a shared basis in an integrated waste management unit owned, operated by, and located within a contiguous manufacturing complex.

(15) Captured receiver--A receiver that is located within the property boundaries of the generators from which it receives waste.

(16) Carbon regeneration unit--Any enclosed thermal treatment device used to regenerate spent activated carbon.

(17) Cathode ray tube or CRT--A vacuum tube, composed primarily of glass, which is the visual or video display component of an electronic device. A used, intact CRT means a CRT whose vacuum has not been released. A used, broken CRT means its glass has been removed from its housing, or casing whose vacuum has been released.

(18) Certification--A statement of professional opinion based upon knowledge and belief.

(19) Class 1 wastes--Any industrial solid waste or mixture of industrial solid wastes which because of its concentration, or physical or chemical characteristics, is toxic, corrosive, flammable, a strong sensitizer or irritant, a generator of sudden pressure by decomposition, heat, or other means, or may pose a substantial present or potential danger to human health or the environment when improperly processed, stored, transported, or disposed of or otherwise managed, as further defined in § 335.505 of this title (relating to Class 1 Waste Determination).

(20) Class 2 wastes--Any individual solid waste or combination of industrial solid waste which cannot be described as hazardous, Class 1, or Class 3 as defined in § 335.506 of this title (relating to Class 2 Waste Determination).

Tex. Admin. Code tit. 30, § 335.1

(21) Class 3 wastes--Inert and essentially insoluble industrial solid waste, usually including, but not limited to, materials such as rock, brick, glass, dirt, and certain plastics and rubber, etc., that are not readily decomposable, as further defined in § 335.507 of this title (relating to Class 3 Waste Determination).

(22) Closed portion--That portion of a facility which an owner or operator has closed in accordance with the approved facility closure plan and all applicable closure requirements. (See also "active portion" and "inactive portion.")

(23) Closure--The act of permanently taking a waste management unit or facility out of service.

(24) Commercial hazardous waste management facility--Any hazardous waste management facility that accepts hazardous waste or polychlorinated biphenyl compounds for a charge, except a captured facility or a facility that accepts waste only from other facilities owned or effectively controlled by the same person.

(25) Component--Either the tank or ancillary equipment of a tank system.

(26) Confined aquifer--An aquifer bounded above and below by impermeable beds or by beds of distinctly lower permeability than that of the aquifer itself; an aquifer containing confined groundwater.

(27) Consignee--The ultimate treatment, storage, or disposal facility in a receiving country to which the hazardous waste will be sent.

(28) Container--Any portable device in which a material is stored, transported, processed, or disposed of, or otherwise handled.

(29) Containment building--A hazardous waste management unit that is used to store or treat hazardous waste under the provisions of § 335.152(a)(19) or § 335.112(a)(21) of this title (relating to Standards).

(30) Contaminant--Includes, but is not limited to, "solid waste," "hazardous waste," and "hazardous waste constituent" as defined in this subchapter; "pollutant" as defined in Texas Water Code (TWC), § 26.001, and Texas Health and Safety Code (THSC), § 361.401; "hazardous substance" as defined in THSC, § 361.003; and other substances that are subject to the Texas Hazardous Substances Spill Prevention and Control Act, TWC, §§ 26.261 - 26.267.

(31) Contaminated medium/media--A portion or portions of the physical environment to include soil, sediment, surface water, groundwater or air, that contain contaminants at levels that pose a substantial present or future threat to human health and the environment.

(32) Contingency plan--A document setting out an organized, planned, and coordinated course of action to be followed in case of a fire, explosion, or release of hazardous waste or hazardous waste constituents which could threaten human health or the environment.

(33) Control--To apply engineering measures such as capping or reversible treatment methods and/or institutional measures such as deed restrictions to facilities or areas with wastes or contaminated media which result in remedies that are protective of human health and the environment when combined with appropriate maintenance, monitoring, and any necessary further corrective action.

(34) Corrosion expert--A person who, by reason of his knowledge of the physical sciences and the

Tex. Admin. Code tit. 30, § 335.1

principles of engineering and mathematics, acquired by a professional education and related practical experience, is qualified to engage in the practice of corrosion control on buried or submerged metal piping systems and metal tanks. Such a person must be certified as being qualified by the National Association of Corrosion Engineers or be a registered professional engineer who has certification or licensing that includes education and experience in corrosion control on buried or submerged metal piping systems and metal tanks.

(35) Cathode Ray Tube collector--A person who receives used, intact Cathode Ray Tubes for recycling, repair, resale, or donation.

(36) Cathode Ray Tube glass manufacturer--An operation or part of an operation that uses a furnace to manufacture Cathode Ray Tube glass.

(37) Cathode Ray Tube processing--Conducting all of the following activities:

(A) Receiving broken or intact Cathode Ray Tubes (CRTs);

(B) Intentionally breaking intact CRTs or further breaking or separating broken CRTs; and

(C) Sorting or otherwise managing glass removed from CRT monitors.

(38) Decontaminate--To apply a treatment process(es) to wastes or contaminated media whereby the substantial present or future threat to human health and the environment is eliminated.

(39) Designated facility--A Class 1 or hazardous waste treatment, storage, or disposal facility which has received a United States Environmental Protection Agency permit (or a facility with interim

status) in accordance with the requirements of 40 Code of Federal Regulations (CFR) Parts 270 and 124; a permit from a state authorized in accordance with 40 CFR Part 271 (in the case of hazardous waste); a permit issued in accordance with § 335.2 of this title (relating to Permit Required) (in the case of nonhazardous waste); or that is regulated under § 335.24(f), (g), or (h) of this title (relating to Requirements for Recyclable Materials and Non-hazardous Recyclable Materials) or § 335.241 of this title (relating to Applicability and Requirements) and that has been designated on the manifest by the generator in accordance with § 335.10 of this title (relating to Shipping and Reporting Procedures Applicable to Generators of Hazardous Waste or Class 1 Waste and Primary Exporters of Hazardous Waste). If a waste is destined to a facility in an authorized state which has not yet obtained authorization to regulate that particular waste as hazardous, then the designated facility must be a facility allowed by the receiving state to accept such waste. Designated facility also means a generator site designated on the manifest to receive its waste as a return shipment from a facility that has rejected the waste in accordance with § 335.12(e) of this title (relating to Shipping Requirements Applicable to Owners or Operators of Treatment, Storage, or Disposal Facilities).

(40) Destination facility--Has the definition adopted under § 335.261 of this title (relating to Universal Waste Rule).

(41) Dike--An embankment or ridge of either natural or man-made materials used to prevent the movement of liquids, sludges, solids, or other materials.

(42) Dioxins and furans (D/F)--Tetra, penta, hexa, hepta, and octa-chlorinated dibenzo dioxins and furans.

(43) Discharge or hazardous waste discharge--The accidental or intentional spilling, leaking, pumping,

Tex. Admin. Code tit. 30, § 335.1

pouring, emitting, emptying, or dumping of waste into or on any land or water.

(44) Disposal--The discharge, deposit, injection, dumping, spilling, leaking, or placing of any solid waste or hazardous waste (whether containerized or uncontainerized) into or on any land or water so that such solid waste or hazardous waste or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including groundwaters.

(45) Disposal facility--A facility or part of a facility at which solid waste is intentionally placed into or on any land or water, and at which waste will remain after closure. The term "disposal facility" does not include a corrective action management unit into which remediation wastes are placed.

(46) Drip pad--An engineered structure consisting of a curbed, free-draining base, constructed of non-earthen materials and designed to convey preservative kick-back or drippage from treated wood, precipitation, and surface water run-on to an associated collection system at wood preserving plants.

(47) Elementary neutralization unit--A device which:

(A) is used for neutralizing wastes which are hazardous only because they exhibit the corrosivity characteristic defined in 40 Code of Federal Regulations (CFR) § 261.22, or are listed in 40 CFR Part 261, Subpart D, only for this reason; or is used for neutralizing the pH of non-hazardous industrial solid waste; and

(B) meets the definition of tank, tank system, container, transport vehicle, or vessel as defined in this section.

(48) United States Environmental Protection Agency (EPA) acknowledgment of consent--The cable sent to EPA from the United States Embassy in a receiving country that acknowledges the written consent of the receiving country to accept the hazardous waste and describes the terms and conditions of the receiving country's consent to the shipment.

(49) United States Environmental Protection Agency (EPA) hazardous waste number--The number assigned by the EPA to each hazardous waste listed in 40 Code of Federal Regulations (CFR) Part 261, Subpart D and to each characteristic identified in 40 CFR Part 261, Subpart C.

(50) United States Environmental Protection Agency (EPA) identification number--The number assigned by the EPA or the commission to each generator, transporter, and processing, storage, or disposal facility.

(51) Essentially insoluble--Any material, which if representatively sampled and placed in static or dynamic contact with deionized water at ambient temperature for seven days, will not leach any quantity of any constituent of the material into the water in excess of current United States Public Health Service or United States Environmental Protection Agency limits for drinking water as published in the Federal Register.

(52) Equivalent method--Any testing or analytical method approved by the administrator under 40 Code of Federal Regulations § 260.20 and § 260.21 .

(53) Existing portion--That land surface area of an existing waste management unit, included in the original Part A permit application, on which wastes have been placed prior to the issuance of a permit.

Tex. Admin. Code tit. 30, § 335.1

(54) Existing tank system or existing component--A tank system or component that is used for the storage or processing of hazardous waste and that is in operation, or for which installation has commenced on or prior to July 14, 1986. Installation will be considered to have commenced if the owner or operator has obtained all federal, state, and local approvals or permits necessary to begin physical construction of the site or installation of the tank system and if either:

(A) a continuous on-site physical construction or installation program has begun; or

(B) the owner or operator has entered into contractual obligations--which cannot be canceled or modified without substantial loss--for physical construction of the site or installation of the tank system to be completed within a reasonable time.

(55) Explosives or munitions emergency--A situation involving the suspected or detected presence of unexploded ordnance, damaged or deteriorated explosives or munitions, an improvised explosive device, other potentially explosive material or device, or other potentially harmful military chemical munitions or device, that creates an actual or potential imminent threat to human health, including safety, or the environment, including property, as determined by an explosives or munitions emergency response specialist. These situations may require immediate and expeditious action by an explosives or munitions emergency response specialist to control, mitigate, or eliminate the threat.

(56) Explosives or munitions emergency response--All immediate response activities by an explosives and munitions emergency response specialist to control, mitigate, or eliminate the actual or potential threat encountered during an explosives or munitions emergency, subject to the following:

(A) an explosives or munitions emergency response includes in-place render-safe procedures, treatment or destruction of the explosives or munitions and/or transporting those items to another location to be rendered safe, treated, or destroyed;

(B) any reasonable delay in the completion of an explosives or munitions emergency response caused by a necessary, unforeseen, or uncontrollable circumstance will not terminate the explosives or munitions emergency; and

(C) explosives and munitions emergency responses can occur on either public or private lands and are not limited to responses at hazardous waste facilities.

(57) Explosives or munitions emergency response specialist--An individual trained in chemical or conventional munitions or explosives handling, transportation, render-safe procedures, or destruction techniques, including United States Department of Defense (DOD) emergency explosive ordnance disposal, technical escort unit, and DOD-certified civilian or contractor personnel; and, other federal, state, or local government, or civilian personnel similarly trained in explosives or munitions emergency responses.

(58) Extrusion--A process using pressure to force ground poultry carcasses through a decreasing-diameter barrel or nozzle, causing the generation of heat sufficient to kill pathogens, and resulting in an extruded product acceptable as a feed ingredient.

(59) Facility--Includes:

(A) all contiguous land, and structures, other appurtenances, and improvements on the land, used for storing, processing, or disposing of municipal hazardous waste or industrial solid

Tex. Admin. Code tit. 30, § 335.1

waste. A facility may consist of several treatment, storage, or disposal operational units (e.g., one or more landfills, surface impoundments, or combinations of them);

(B) for the purpose of implementing corrective action under § 335.167 of this title (relating to Corrective Action for Solid Waste Management Units), all contiguous property under the control of the owner or operator seeking a permit for the treatment, storage, and/or disposal of hazardous waste. This definition also applies to facilities implementing corrective action under Texas Water Code, § 7.031 (Corrective Action Relating to Hazardous Waste).

(60) Final closure--The closure of all hazardous waste management units at the facility in accordance with all applicable closure requirements so that hazardous waste management activities under Subchapter E of this chapter (relating to Interim Standards for Owners and Operators of Hazardous Waste Treatment, Storage, or Disposal Facilities) and Subchapter F of this chapter (relating to Permitting Standards for Owners and Operators of Hazardous Waste Treatment, Storage, or Disposal Facilities) are no longer conducted at the facility unless subject to the provisions in § 335.69 of this title (relating to Accumulation Time).

(61) Food-chain crops--Tobacco, crops grown for human consumption, and crops grown for feed for animals whose products are consumed by humans.

(62) Freeboard--The vertical distance between the top of a tank or surface impoundment dike, and the surface of the waste contained therein.

(63) Free liquids--Liquids which readily separate from the solid portion of a waste under ambient temperature and pressure.

(64) Gasification--For the purpose of complying with 40 Code of Federal Regulations § 261.4(a)(12)(i), gasification is a process, conducted in an enclosed device or system, designed and operated to process petroleum feedstock, including oil-bearing hazardous secondary materials through a series of highly controlled steps utilizing thermal decomposition, limited oxidation, and gas cleaning to yield a synthesis gas composed primarily of hydrogen and carbon monoxide gas.

(65) Generator--Any person, by site, who produces municipal hazardous waste or industrial solid waste; any person who possesses municipal hazardous waste or industrial solid waste to be shipped to any other person; or any person whose act first causes the solid waste to become subject to regulation under this chapter. For the purposes of this regulation, a person who generates or possesses Class 3 wastes only shall not be considered a generator.

(66) Groundwater--Water below the land surface in a zone of saturation.

(67) Hazardous industrial waste--Any industrial solid waste or combination of industrial solid wastes identified or listed as a hazardous waste by the administrator of the United States Environmental Protection Agency in accordance with the Resource Conservation and Recovery Act of 1976, § 3001 (42 United States Code, § 6921). The administrator has identified the characteristics of hazardous wastes and listed certain wastes as hazardous in 40 Code of Federal Regulations Part 261. The executive director will maintain in the offices of the commission a current list of hazardous wastes, a current set of characteristics of hazardous waste, and applicable appendices, as promulgated by the administrator.

(68) Hazardous substance--Any substance designated as a hazardous substance under 40 Code of Federal Regulations Part 302.



(69) Hazardous waste--Any solid waste identified or listed as a hazardous waste by the administrator of the United States Environmental Protection Agency in accordance with the federal Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, 42 United States Code, §§ 6901 et seq.

(70) Hazardous waste constituent--A constituent that caused the administrator to list the hazardous waste in 40 Code of Federal Regulations (CFR) Part 261, Subpart D or a constituent listed in Table 1 of 40 CFR § 261.24.

(71) Hazardous waste management facility--All contiguous land, including structures, appurtenances, and other improvements on the land, used for processing, storing, or disposing of hazardous waste. The term includes a publicly- or privately-owned hazardous waste management facility consisting of processing, storage, or disposal operational hazardous waste management units such as one or more landfills, surface impoundments, waste piles, incinerators, boilers, and industrial furnaces, including cement kilns, injection wells, salt dome waste containment caverns, land treatment facilities, or a combination of units.

(72) Hazardous waste management unit--A landfill, surface impoundment, waste pile, industrial furnace, incinerator, cement kiln, injection well, container, drum, salt dome waste containment cavern, or land treatment unit, or any other structure, vessel, appurtenance, or other improvement on land used to manage hazardous waste.

(73) In operation--Refers to a facility which is processing, storing, or disposing of solid waste or hazardous waste.

(74) Inactive portion--That portion of a facility which is not operated after November 19, 1980.

(See also "active portion" and "closed portion.")

(75) Incinerator--Any enclosed device that:

(A) uses controlled flame combustion and neither meets the criteria for classification as a boiler, sludge dryer, or carbon regeneration unit, nor is listed as an industrial furnace; or

(B) meets the definition of infrared incinerator or plasma arc incinerator.

(76) Incompatible waste--A hazardous waste which is unsuitable for:

(A) placement in a particular device or facility because it may cause corrosion or decay of containment materials (e.g., container inner liners or tank walls); or

(B) commingling with another waste or material under uncontrolled conditions because the commingling might produce heat or pressure, fire or explosion, violent reaction, toxic dusts, mists, fumes, or gases, or flammable fumes or gases.

(77) Individual generation site--The contiguous site at or on which one or more solid waste or hazardous wastes are generated. An individual generation site, such as a large manufacturing plant, may have one or more sources of solid waste or hazardous waste, but is considered a single or individual generation site if the site or property is contiguous.

(78) Industrial furnace--Includes any of the following enclosed devices that use thermal treatment to accomplish recovery of materials or energy:

(A) cement kilns;

(B) lime kilns;

afforded to the public.

(C) aggregate kilns;

(79) Industrial solid waste--Solid waste resulting from or incidental to any process of industry or manufacturing, or mining or agricultural operation, which may include hazardous waste as defined in this section.

(D) phosphate kilns;

(E) coke ovens;

(80) Infrared incinerator--Any enclosed device that uses electric powered resistance heaters as a source of radiant heat followed by an afterburner using controlled flame combustion and which is not listed as an industrial furnace.

(F) blast furnaces;

(G) smelting, melting, and refining furnaces (including pyrometallurgical devices such as cupolas, reverberator furnaces, sintering machines, roasters, and foundry furnaces);

(81) Inground tank--A device meeting the definition of tank in this section whereby a portion of the tank wall is situated to any degree within the ground, thereby preventing visual inspection of that external surface area of the tank that is in the ground.

(H) titanium dioxide chloride process oxidation reactors;

(82) Injection well--A well into which fluids are injected. (See also "underground injection.")

(I) methane reforming furnaces;

(J) pulping liquor recovery furnaces;

(83) Inner liner--A continuous layer of material placed inside a tank or container which protects the construction materials of the tank or container from the contained waste or reagents used to treat the waste.

(K) combustion devices used in the recovery of sulfur values from spent sulfuric acid;

(L) halogen acid furnaces for the production of acid from halogenated hazardous waste generated by chemical production facilities where the furnace is located on the site of a chemical production facility, the acid product has a halogen acid content of at least 3.0%, the acid product is used in a manufacturing process, and, except for hazardous waste burned as fuel, hazardous waste fed to the furnace has a minimum halogen content of 20% as generated; and

(84) Installation inspector--A person who, by reason of his knowledge of the physical sciences and the principles of engineering, acquired by a professional education and related practical experience, is qualified to supervise the installation of tank systems.

(M) other devices the commission may list, after the opportunity for notice and comment is

(85) International shipment--The transportation of hazardous waste into or out of the jurisdiction of the United States.

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(86) Lamp--Has the definition adopted under § 335.261 of this title (relating to Universal Waste Rule).

(87) Land treatment facility--A facility or part of a facility at which solid waste or hazardous waste is applied onto or incorporated into the soil surface and that is not a corrective action management unit; such facilities are disposal facilities if the waste will remain after closure.

(88) Landfill--A disposal facility or part of a facility where solid waste or hazardous waste is placed in or on land and which is not a pile, a land treatment facility, a surface impoundment, an injection well, a salt dome formation, a salt bed formation, an underground mine, a cave, or a corrective action management unit.

(89) Landfill cell--A discrete volume of a solid waste or hazardous waste landfill which uses a liner to provide isolation of wastes from adjacent cells or wastes. Examples of landfill cells are trenches and pits.

(90) Leachate--Any liquid, including any suspended components in the liquid, that has percolated through or drained from solid waste or hazardous waste.

(91) Leak-detection system--A system capable of detecting the failure of either the primary or secondary containment structure or the presence of a release of solid waste or hazardous waste or accumulated liquid in the secondary containment structure. Such a system must employ operational controls (e.g., daily visual inspections for releases into the secondary containment system of aboveground tanks) or consist of an interstitial monitoring device designed to detect continuously and automatically the failure of the primary or secondary containment structure or the presence of a release of solid waste

or hazardous waste into the secondary containment structure.

(92) Licensed professional geoscientist--A geoscientist who maintains a current license through the Texas Board of Professional Geoscientists in accordance with its requirements for professional practice.

(93) Liner--A continuous layer of natural or man-made materials, beneath or on the sides of a surface impoundment, landfill, or landfill cell, which restricts the downward or lateral escape of solid waste or hazardous waste, hazardous waste constituents, or leachate.

(94) Management or hazardous waste management--The systematic control of the collection, source separation, storage, transportation, processing, treatment, recovery, and disposal of solid waste or hazardous waste.

(95) Manifest--The waste shipping document, United States Environmental Protection Agency (EPA) Form 8700-22, originated and signed by the generator or offeror, that will accompany and be used for tracking the transportation, disposal, treatment, storage, or recycling of shipments of hazardous wastes or Class 1 industrial solid wastes. The form used for this purpose is the EPA Form 8700-22, obtainable from any printer registered with the EPA.

(96) Manifest tracking number--The alphanumeric identification number (i.e., a unique three-letter suffix preceded by nine numerical digits), which is pre-printed on the manifest by a registered source.

(97) Military munitions--All ammunition products and components produced or used by or for the Department of Defense (DOD) or the United States Armed Services for national defense and security,

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including military munitions under the control of the DOD, the United States Coast Guard, the United States Department of Energy (DOE), and National Guard personnel. The term "military munitions":

(A) includes confined gaseous, liquid, and solid propellants, explosives, pyrotechnics, chemical and riot control agents, smokes, and incendiaries used by DOD components, including bulk explosives and chemical warfare agents, chemical munitions, rockets, guided and ballistic missiles, bombs, warheads, mortar rounds, artillery ammunition, small arms ammunition, grenades, mines, torpedoes, depth charges, cluster munitions and dispensers, demolition charges, and devices and components thereof; and

(B) includes non-nuclear components of nuclear devices, managed under DOE's nuclear weapons program after all required sanitization operations under the Atomic Energy Act of 1954, as amended, have been completed; but

(C) does not include wholly inert items, improvised explosive devices, and nuclear weapons, nuclear devices, and nuclear components thereof.

(98) Miscellaneous unit--A hazardous waste management unit where hazardous waste is stored, processed, or disposed of and that is not a container, tank, surface impoundment, pile, land treatment unit, landfill, incinerator, boiler, industrial furnace, underground injection well with appropriate technical standards under Chapter 331 of this title (relating to Underground Injection Control), corrective action management unit, containment building, staging pile, or unit eligible for a research, development, and demonstration permit or under Chapter 305, Subchapter K of this title (relating to Research, Development, and Demonstration Per-

mits).

(99) Movement--That solid waste or hazardous waste transported to a facility in an individual vehicle.

(100) Municipal hazardous waste--A municipal solid waste or mixture of municipal solid wastes which has been identified or listed as a hazardous waste by the administrator of the United States Environmental Protection Agency.

(101) Municipal solid waste--Solid waste resulting from or incidental to municipal, community, commercial, institutional, and recreational activities; including garbage, rubbish, ashes, street cleanings, dead animals, abandoned automobiles, and all other solid waste other than industrial waste.

(102) New tank system or new tank component--A tank system or component that will be used for the storage or processing of hazardous waste and for which installation has commenced after July 14, 1986; except, however, for purposes of 40 Code of Federal Regulations (CFR) § 264.193(g)(2) (incorporated by reference at § 335.152(a)(8) of this title (relating to Standards)) and 40 CFR § 265.193(g)(2) (incorporated by reference at § 335.112(a)(9) of this title (relating to Standards)), a new tank system is one for which construction commences after July 14, 1986. (See also "existing tank system.")

(103) Off-site--Property which cannot be characterized as on-site.

(104) Onground tank--A device meeting the definition of tank in this section and that is situated in such a way that the bottom of the tank is on the same level as the adjacent surrounding surface so that the external tank bottom cannot be visually inspected.

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(105) On-Site--The same or geographically contiguous property which may be divided by public or private rights-of-way, provided the entrance and exit between the properties is at a cross-roads intersection, and access is by crossing, as opposed to going along, the right-of-way. Noncontiguous properties owned by the same person but connected by a right-of-way which he controls and to which the public does not have access, is also considered on-site property.

(106) Open burning--The combustion of any material without the following characteristics:

(A) control of combustion air to maintain adequate temperature for efficient combustion;

(B) containment of the combustion-reaction in an enclosed device to provide sufficient residence time and mixing for complete combustion; and

(C) control of emission of the gaseous combustion products. (See also "incineration" and "thermal treatment.")

(107) Operator--The person responsible for the overall operation of a facility.

(108) Owner--The person who owns a facility or part of a facility.

(109) Partial closure--The closure of a hazardous waste management unit in accordance with the applicable closure requirements of Subchapters E and F of this chapter (relating to Interim Standards for Owners and Operators of Hazardous Waste Treatment, Storage, or Disposal Facilities; and Permitting Standards for Owners and Operators of Hazardous Waste Treatment, Storage, or Disposal Facilities) at a facility that contains other active haz-

ardous waste management units. For example, partial closure may include the closure of a tank (including its associated piping and underlying containment systems), landfill cell, surface impoundment, waste pile, or other hazardous waste management unit, while other units of the same facility continue to operate.

(110) PCBs or polychlorinated biphenyl compounds--Compounds subject to 40 Code of Federal Regulations Part 761.

(111) Permit--A written permit issued by the commission which, by its conditions, may authorize the permittee to construct, install, modify, or operate a specified municipal hazardous waste or industrial solid waste treatment, storage, or disposal facility in accordance with specified limitations.

(112) Personnel or facility personnel--All persons who work at, or oversee the operations of, a solid waste or hazardous waste facility, and whose actions or failure to act may result in noncompliance with the requirements of this chapter.

(113) Pesticide--Has the definition adopted under § 335.261 of this title (relating to Universal Waste Rule).

(114) Petroleum substance--A crude oil or any refined or unrefined fraction or derivative of crude oil which is a liquid at standard conditions of temperature and pressure.

(A) Except as provided in subparagraph (C) of this paragraph for the purposes of this chapter, a "petroleum substance" shall be limited to a substance in or a combination or mixture of substances within the following list (except for any listed substance regulated as a hazardous waste under the federal Solid Waste Disposal Act, Subtitle C (42 United States Code (USC),

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§§ 6921, et seq.)) and which is liquid at standard conditions of temperature (20 degrees Centigrade) and pressure (1 atmosphere):

(i) basic petroleum substances--i.e., crude oils, crude oil fractions, petroleum feedstocks, and petroleum fractions;

(ii) motor fuels--a petroleum substance which is typically used for the operation of internal combustion engines and/or motors (which includes, but is not limited to, stationary engines and engines used in transportation vehicles and marine vessels);

(iii) aviation gasolines--i.e., Grade 80, Grade 100, and Grade 100-LL;

(iv) aviation jet fuels--i.e., Jet A, Jet A-1, Jet B, JP-4, JP-5, and JP-8;

(v) distillate fuel oils--i.e., Number 1-D, Number 1, Number 2-D, and Number 2;

(vi) residual fuel oils--i.e., Number 4-D, Number 4-light, Number 4, Number 5-light, Number 5-heavy, and Number 6;

(vii) gas-turbine fuel oils--i.e., Grade O-GT, Grade 1-GT, Grade 2-GT, Grade 3-GT, and Grade 4-GT;

(viii) illuminating oils--i.e., kerosene, mineral seal oil, long-time burning oils, 300 oil, and mineral colza oil;

(ix) lubricants--i.e., automotive and industrial lubricants;

(x) building materials--i.e., liquid asphalt

and dust-laying oils;

(xi) insulating and waterproofing materials--i.e., transformer oils and cable oils; and

(xii) used oils--See definition for "used oil" in this section.

(B) For the purposes of this chapter, a "petroleum substance" shall include solvents or a combination or mixture of solvents (except for any listed substance regulated as a hazardous waste under the federal Solid Waste Disposal Act, Subtitle C (42 USC, §§ 6921, et seq.)) and which is liquid at standard conditions of temperature (20 degrees Centigrade) and pressure (1 atmosphere) i.e., Stoddard solvent, petroleum spirits, mineral spirits, petroleum ether, varnish makers' and painters' naphthas, petroleum extender oils, and commercial hexane.

(C) The following materials are not considered petroleum substances:

(i) polymerized materials, i.e., plastics, synthetic rubber, polystyrene, high and low density polyethylene;

(ii) animal, microbial, and vegetable fats;

(iii) food grade oils;

(iv) hardened asphalt and solid asphaltic materials--i.e., roofing shingles, roofing felt, hot mix (and cold mix); and

(v) cosmetics.

(115) Pile--Any noncontainerized accumulation of

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solid, nonflowing solid waste or hazardous waste that is used for processing or storage, and that is not a corrective action management unit or a containment building.

(116) Plasma arc incinerator--Any enclosed device using a high intensity electrical discharge or arc as a source of heat followed by an afterburner using controlled flame combustion and which is not listed as an industrial furnace.

(117) Post-closure order--An order issued by the commission for post-closure care of interim status units, a corrective action management unit unless authorized by permit, or alternative corrective action requirements for contamination commingled from Resource Conservation and Recovery Act and solid waste management units.

(118) Poultry--Chickens or ducks being raised or kept on any premises in the state for profit.

(119) Poultry carcass--The carcass, or part of a carcass, of poultry that died as a result of a cause other than intentional slaughter for use for human consumption.

(120) Poultry facility--A facility that:

(A) is used to raise, grow, feed, or otherwise produce poultry for commercial purposes; or

(B) is a commercial poultry hatchery that is used to produce chicks or ducklings.

(121) Primary exporter--Any person who is required to originate the manifest for a shipment of hazardous waste in accordance with the regulations contained in 40 Code of Federal Regulations Part 262, Subpart B, which are in effect as of November 8, 1986, or equivalent state provision, which specifies a treatment, storage, or disposal facility in a receiving country as the facility to which the hazardous waste will be sent and any intermediary arranging for the export.

ifies a treatment, storage, or disposal facility in a receiving country as the facility to which the hazardous waste will be sent and any intermediary arranging for the export.

(122) Processing--The extraction of materials, transfer, volume reduction, conversion to energy, or other separation and preparation of solid waste for reuse or disposal, including the treatment or neutralization of solid waste or hazardous waste, designed to change the physical, chemical, or biological character or composition of any solid waste or hazardous waste so as to neutralize such waste, or so as to recover energy or material from the waste or so as to render such waste nonhazardous, or less hazardous; safer to transport, store or dispose of; or amenable for recovery, amenable for storage, or reduced in volume. The transfer of solid waste for reuse or disposal as used in this definition does not include the actions of a transporter in conveying or transporting solid waste by truck, ship, pipeline, or other means. Unless the executive director determines that regulation of such activity is necessary to protect human health or the environment, the definition of processing does not include activities relating to those materials exempted by the administrator of the United States Environmental Protection Agency in accordance with the federal Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, 42 United States Code, §§ 6901 et seq., as amended.

(123) Publicly-owned treatment works (POTW)--Any device or system used in the treatment (including recycling and reclamation) of municipal sewage or industrial wastes of a liquid nature which is owned by a state or municipality (as defined by the Clean Water Act, § 502(4)). The definition includes sewers, pipes, or other conveyances only if they convey wastewater to a POTW providing treatment.

(124) Qualified groundwater scientist--A scientist

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or engineer who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and has sufficient training and experience in groundwater hydrology and related fields as may be demonstrated by state registration, professional certifications, or completion of accredited university courses that enable that individual to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport.

(125) Receiving country--A foreign country to which a hazardous waste is sent for the purpose of treatment, storage, or disposal (except short-term storage incidental to transportation).

(126) Regional administrator--The regional administrator for the United States Environmental Protection Agency region in which the facility is located, or his designee.

(127) Remediation--The act of eliminating or reducing the concentration of contaminants in contaminated media.

(128) Remediation waste--All solid and hazardous wastes, and all media (including groundwater, surface water, soils, and sediments) and debris, which contain listed hazardous wastes or which themselves exhibit a hazardous waste characteristic, that are managed for the purpose of implementing corrective action requirements under § 335.167 of this title (relating to Corrective Action for Solid Waste Management Units) and Texas Water Code, § 7.031 (Corrective Action Relating to Hazardous Waste). For a given facility, remediation wastes may originate only from within the facility boundary, but may include waste managed in implementing corrective action for releases beyond the facility boundary under § 335.166(5) of this title (relating to Corrective Action Program) or § 335.167(c) of this title.

(129) Remove--To take waste, contaminated design or operating system components, or contaminated media away from a waste management unit, facility, or area to another location for treatment, storage, or disposal.

(130) Replacement unit--A landfill, surface impoundment, or waste pile unit:

(A) from which all or substantially all the waste is removed; and

(B) that is subsequently reused to treat, store, or dispose of hazardous waste. "Replacement unit" does not apply to a unit from which waste is removed during closure, if the subsequent reuse solely involves the disposal of waste from that unit and other closing units or corrective action areas at the facility, in accordance with an approved closure plan or United States Environmental Protection Agency or state approved corrective action.

(131) Representative sample--A sample of a universe or whole (e.g., waste pile, lagoon, groundwater) which can be expected to exhibit the average properties of the universe or whole.

(132) Run-off--Any rainwater, leachate, or other liquid that drains over land from any part of a facility.

(133) Run-on--Any rainwater, leachate, or other liquid that drains over land onto any part of a facility.

(134) Saturated zone or zone of saturation--That part of the earth's crust in which all voids are filled with water.

(135) Shipment--Any action involving the convey-



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ance of municipal hazardous waste or industrial solid waste by any means off-site.

(136) Sludge dryer--Any enclosed thermal treatment device that is used to dehydrate sludge and that has a maximum total thermal input, excluding the heating valve of the sludge itself, of 2,500 British thermal units per pound of sludge treated on a wet-weight basis.

(137) Small quantity generator--A generator who generates less than 1,000 kilograms of hazardous waste in a calendar month.

(138) Solid waste--

(A) Any garbage, refuse, sludge from a waste treatment plant, water supply treatment plant or air pollution control facility, and other discarded material, including solid, liquid, semisolid, or contained gaseous material resulting from industrial, municipal, commercial, mining, and agricultural operations, and from community and institutional activities, but does not include:

(i) solid or dissolved material in domestic sewage, or solid or dissolved material in irrigation return flows, or industrial discharges subject to regulation by permit issued in accordance with Texas Water Code, Chapter 26 (an exclusion applicable only to the actual point source discharge that does not exclude industrial wastewaters while they are being collected, stored, or processed before discharge, nor does it exclude sludges that are generated by industrial wastewater treatment);

(ii) uncontaminated soil, dirt, rock, sand, and other natural or man-made inert solid materials used to fill land if the object of

the fill is to make the land suitable for the construction of surface improvements. The material serving as fill may also serve as a surface improvement such as a structure foundation, a road, soil erosion control, and flood protection. Man-made materials exempted under this provision shall only be deposited at sites where the construction is in progress or imminent such that rights to the land are secured and engineering, architectural, or other necessary planning have been initiated. Waste disposal shall be considered to have occurred on any land which has been filled with man-made inert materials under this provision if the land is sold, leased, or otherwise conveyed prior to the completion of construction of the surface improvement. Under such conditions, deed recordation shall be required. The deed recordation shall include the information required under § 335.5(a) of this title (relating to Deed Recordation of Waste Disposal), prior to sale or other conveyance of the property;

(iii) waste materials which result from activities associated with the exploration, development, or production of oil or gas or geothermal resources, as those activities are defined in this section, and any other substance or material regulated by the Railroad Commission of Texas in accordance with the Natural Resources Code, § 91.101, unless such waste, substance, or material results from activities associated with gasoline plants, natural gas, or natural gas liquids processing plants, pressure maintenance plants, or repressurizing plants and is a hazardous waste as defined by the administrator of the United States Environmental Protection Agency in accordance with the federal Solid Waste Disposal Act, 42 United States Code, §§ 6901 et seq., as amended; or

(iv) a material excluded by 40 Code of Federal Regulations (CFR) § 261.4(a)(1)-(22), as amended through July 28, 2006 (71 FR 42928), subject to the changes in this clause, or by variance granted under § 335.18 of this title (relating to Variances from Classification as a Solid Waste) and § 335.19 of this title (relating to Standards and Criteria for Variances from Classification as a Solid Waste). For the purposes of the exclusion under 40 CFR § 261.4(a)(16), 40 CFR § 261.38 is adopted by reference as amended through July 10, 2000 (65 FR 42292), and is revised as follows, with “subparagraph (A)(iv) under the definition of ‘solid Waste’ in 30 TAC § 335.1” meaning “subparagraph (A)(iv) under the definition of ‘solid Waste’ in § 335.1 of this title (relating to Definitions)”:

(I) in the certification statement under 40 CFR § 261.38(c)(1)(i)(C)(4), the reference to “40 CFR § 261.38” is changed to “40 CFR § 261.38, as revised under subparagraph (A)(iv) under the definition of ‘solid Waste’ in 30 TAC § 335.1,” and the reference to “40 CFR § 261.28(c)(10)” is changed to “40 CFR § 261.38(c)(10)”;

(II) in 40 CFR § 261.38(c)(2), the references to “§260.10 of this chapter” are changed to “§ 335.1 of this title (relating to Definitions),” and the reference to “parts 264 or 265 of this chapter” is changed to “Chapter 335, Subchapter E of this title (relating to Interim Standards for Owners and Operators of Hazardous Waste Treatment, Storage, or Disposal Facilities) or Chapter 335, Subchapter F of this title (relating to Permitting Standards for Owners and Operators of Hazardous Waste Treatment, Storage, or Dis-

posal Facilities)”;

(III) in 40 CFR § 261.38(c)(3)-(5), the references to “parts 264 and 265, or § 262.34 of this chapter” are changed to “Chapter 335, Subchapter E of this title (relating to Interim Standards for Owners and Operators of Hazardous Waste Treatment, Storage, or Disposal Facilities) and Chapter 335, Subchapter F of this title (relating to Permitting Standards for Owners and Operators of Hazardous Waste Treatment, Storage, or Disposal Facilities), or § 335.69 of this title (relating to Accumulation Time)”;

(IV) in 40 CFR § 261.38(c)(5), the reference to “§ 261.6(c) of this chapter” is changed to “§ 335.24(e) and (f) of this title (relating to Requirements for Recyclable Materials and Nonhazardous Recyclable Materials)”;

(V) in 40 CFR § 261.38(c)(7), the references to “appropriate regulatory authority” and “regulatory authority” are changed to “executive director”;

(VI) in 40 CFR § 261.38(c)(8), the reference to “§ 262.11 of this chapter” is changed to “§ 335.62 of this title (relating to Hazardous Waste Determination and Waste Classification)”;

(VII) in 40 CFR § 261.38(c)(9), the reference to “§ 261.2(c)(4) of this chapter” is changed to § 335.1(138)(D)(iv) “ of this title (relating to Definitions)”;

(VIII) in 40 CFR § 261.38(c)(10), the

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reference to “implementing authority”  
is changed to “executive director.”

graph (A) of this paragraph.

(B) A discarded material is any material which is:

(i) Used in a manner constituting disposal. Materials noted with an asterisk in Column 1 of Table 1 are solid wastes when they are:

(i) abandoned, as explained in subparagraph (C) of this paragraph;

(I) applied to or placed on the land in a manner that constitutes disposal; or

(ii) recycled, as explained in subparagraph (D) of this paragraph;

(II) used to produce products that are applied to or placed on the land or are otherwise contained in products that are applied to or placed on the land (in which cases the product itself remains a solid waste). However, commercial chemical products listed in 40 CFR § 261.33 are not solid wastes if they are applied to the land and that is their ordinary manner of use.

(iii) considered inherently waste-like, as explained in subparagraph (E) of this paragraph; or

(iv) a military munition identified as a solid waste in 40 CFR § 266.202.

(C) Materials are solid wastes if they are abandoned by being:

(ii) Burning for energy recovery. Materials noted with an asterisk in Column 2 of Table 1 are solid wastes when they are:

(i) disposed of;

(I) burned to recover energy; or

(ii) burned or incinerated; or

(iii) accumulated, stored, or processed (but not recycled) before or in lieu of being abandoned by being disposed of, burned, or incinerated.

(II) used to produce a fuel or are otherwise contained in fuels (in which cases the fuel itself remains a solid waste). However, commercial chemical products, which are listed in 40 CFR § 261.33, not listed in § 261.33, but that exhibit one or more of the hazardous waste characteristics, or will be considered nonhazardous waste if disposed, are not solid wastes if they are fuels themselves and burned for energy recovery.

(D) Except for materials described in subparagraph (H) of this paragraph, materials are solid wastes if they are “recycled” or accumulated, stored, or processed before recycling as specified in this subparagraph. The chart referred to as Table 1 indicates only which materials are considered to be solid wastes when they are recycled and is not intended to supersede the definition of solid waste provided in subpara-

(iii) Reclaimed. Materials noted with an

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asterisk in Column 3 of Table 1 are solid wastes when reclaimed (except as provided under 40 CFR § 261.4(a)(17)). Materials without an asterisk in Column 3 of Table 1 are not solid wastes when reclaimed.

noted with an asterisk in Column 4 of Table 1 are solid wastes when accumulated speculatively.

(iv) Accumulated speculatively. Materials

Figure: 30 TAC §335.1(138)(D)(iv)

TABLE 1				
	Use Constituting Disposal S.W. Def. (D)(i)(1)	Energy Recovery/Fuel S.W. Def. (D)(ii)(2)	Reclamation S.W. Def. (D)(iii)(3) <sup>2</sup>	Speculative Accumulation S.W. Def. (D)(iv)(4)
Spent materials (listed hazardous & not listed characteristically hazardous)	*	*	*	*
Spent materials (nonhazardous) <sup>1</sup>	*	*	*	*
Sludges (listed hazardous in 40 CFR §261.31 or §261.32)	*	*	*	*
Sludges (not listed characteristically hazardous)	*	*		*
Sludges (nonhazardous) <sup>1</sup>	*	*		*
By-products (listed hazardous in 40 CFR §261.31 or §261.32)	*	*	*	*
By-products (not listed characteristically hazardous)	*	*		*
By-products (nonhazardous) <sup>1</sup>	*	*		*
Commercial chemical products (listed, not listed characteristically hazardous, and nonhazardous)	*	*		
Scrap metal other than excluded scrap metal (see §335.17(9)) (hazardous)	*	*	*	*
Scrap metal other than excluded scrap metal (see §335.17(9)) (nonhazardous) <sup>1</sup>	*	*	*	*

NOTE: The terms "spent materials," "sludges," "by-products," "scrap metal," and "excluded scrap metal" are defined in §335.17 of this title (relating to Special Definitions for Recyclable Materials and Nonhazardous Recyclable Materials).

<sup>1</sup>These materials are governed by the provisions of §335.24(h) only.

<sup>2</sup> Except as provided in 40 CFR §261.4(a)(17) for mineral processing secondary materials.

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(E) Materials that are identified by the administrator of the EPA as inherently waste-like materials under 40 CFR § 261.2(d) are solid wastes when they are recycled in any manner.

(F) Materials are not solid wastes when they can be shown to be recycled by being:

(i) used or reused as ingredients in an industrial process to make a product, provided the materials are not being reclaimed;

(ii) used or reused as effective substitutes for commercial products;

(iii) returned to the original process from which they were generated, without first being reclaimed or land disposed. The material must be returned as a substitute for feedstock materials. In cases where the original process to which the material is returned is a secondary process, the materials must be managed such that there is no placement on the land. In cases where the materials are generated and reclaimed within the primary mineral processing industry, the conditions of the exclusion found at 40 CFR § 261.4(a)(17) apply rather than this provision; or

(iv) secondary materials that are reclaimed and returned to the original process or processes in which they were generated where they are reused in the production process provided:

(I) only tank storage is involved, and the entire process through completion of reclamation is closed by being en-

tirely connected with pipes or other comparable enclosed means of conveyance;

(II) reclamation does not involve controlled flame combustion (such as occurs in boilers, industrial furnaces, or incinerators);

(III) the secondary materials are never accumulated in such tanks for over 12 months without being reclaimed; and

(IV) the reclaimed material is not used to produce a fuel, or used to produce products that are used in a manner constituting disposal.

(G) Except for materials described in subparagraph (H) of this paragraph, the following materials are solid wastes, even if the recycling involves use, reuse, or return to the original process, as described in subparagraph (F) of this paragraph:

(i) materials used in a manner constituting disposal, or used to produce products that are applied to the land;

(ii) materials burned for energy recovery, used to produce a fuel, or contained in fuels;

(iii) materials accumulated speculatively; or

(iv) materials deemed to be inherently waste-like by the administrator of the EPA, as described in 40 CFR § 261.2(d)(1) and (2).

(H) With the exception of contaminated soils which are being relocated for use under § 350.36 of this title (relating to Relocation of Soils Containing Chemicals of Concern for Re-use Purposes) and other contaminated media, materials that will otherwise be identified as nonhazardous solid wastes if disposed of are not considered solid wastes when recycled by being applied to the land or used as ingredients in products that are applied to the land, provided these materials can be shown to meet all of the following criteria:

(i) a legitimate market exists for the recycling material as well as its products;

(ii) the recycling material is managed and protected from loss as will be raw materials or ingredients or products;

(iii) the quality of the product is not degraded by substitution of raw material/product with the recycling material;

(iv) the use of the recycling material is an ordinary use and it meets or exceeds the specifications of the product it is replacing without treatment or reclamation, or if the recycling material is not replacing a product, the recycling material is a legitimate ingredient in a production process and meets or exceeds raw material specifications without treatment or reclamation;

(v) the recycling material is not burned for energy recovery, used to produce a fuel, or contained in a fuel;

(vi) the recycling material can be used as a product itself or to produce products as it is generated without treatment or reclamation;

(vii) the recycling material must not present an increased risk to human health, the environment, or waters in the state when applied to the land or used in products which are applied to the land and the material, as generated:

(I) is a Class 3 waste under Subchapter R of this chapter (relating to Waste Classification), except for arsenic, cadmium, chromium, lead, mercury, nickel, selenium, and total dissolved solids; and

(II) for the metals listed in subclause (I) of this clause:

(-a-) is a Class 2 or Class 3 waste under Subchapter R of this chapter; and

(-b-) does not exceed a concentration limit under § 312.43(b)(3), Table 3 of this title (relating to Metal Limits); and

(viii) with the exception of the requirements under § 335.17(a)(8) of this title (relating to Special Definitions for Recyclable Materials and Nonhazardous Recyclable Materials):

(I) at least 75% (by weight or volume) of the annual production of the recycling material must be recycled or transferred to a different site and recycled on an annual basis; and

(II) if the recycling material is placed in protective storage, such as a silo or other protective enclosure, at least 75% (by weight or volume) of the annual production of the recycling material must be recycled or transferred to a different site and



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recycled on a biennial basis.

both.

(I) Respondents in actions to enforce the industrial solid waste regulations who raise a claim that a certain material is not a solid waste, or is conditionally exempt from regulation, must demonstrate that there is a known market or disposition for the material, and that they meet the terms of the exclusion or exemption. In doing so, they must provide appropriate documentation (such as contracts showing that a second person uses the material as an ingredient in a production process) to demonstrate that the material is not a waste, or is exempt from regulation. In addition, owners or operators of facilities claiming that they actually are recycling materials must show that they have the necessary equipment to do so and that the recycling activity is legitimate and beneficial.

(J) Materials that are reclaimed from solid wastes and that are used beneficially are not solid wastes and hence are not hazardous wastes under 40 CFR § 261.3(c) unless the reclaimed material is burned for energy recovery or used in a manner constituting disposal.

(K) Other portions of this chapter that relate to solid wastes that are recycled include § 335.6 of this title (relating to Notification Requirements), §§ 335.17-335.19 of this title, § 335.24 of this title (relating to Requirements for Recyclable Materials and Nonhazardous Recyclable Materials), and Subchapter H of this chapter (relating to Standards for the Management of Specific Wastes and Specific Types of Facilities).

(139) Sorbent--A material that is used to soak up free liquids by either adsorption or absorption, or both. Sorb means to either adsorb or absorb, or

(140) Spill--The accidental spilling, leaking, pumping, emitting, emptying, or dumping of solid waste or hazardous wastes or materials which, when spilled, become solid waste or hazardous wastes in- to or on any land or water.

(141) Staging pile--An accumulation of solid, non-flowing remediation waste, as defined in this section, that is not a containment building and that is used only during remedial operations for temporary storage at a facility. Staging piles must be designated by the executive director according to the requirements of 40 Code of Federal Regulations § 264.554, as adopted by reference under § 335.152(a) of this title (relating to Standards).

(142) Standard Permit--A written permit issued by the commission which, by its conditions, may authorize the permittee to construct, install, modify, or operate a specified municipal hazardous waste non-thermal treatment and/or storage facility in accordance with specified limitations.

(143) Storage--The holding of solid waste for a temporary period, at the end of which the waste is processed, disposed of, recycled, or stored elsewhere.

(144) Sump--Any pit or reservoir that meets the definition of tank in this section and those troughs/ trenches connected to it that serve to collect solid waste or hazardous waste for transport to solid waste or hazardous waste treatment, storage, or disposal facilities; except that as used in the landfill, surface impoundment, and waste pile rules, "sump" means any lined pit or reservoir that serves to collect liquids drained from a leachate collection and removal system or leak detection system for subsequent removal from the system.

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(145) Surface impoundment or impoundment--A facility or part of a facility which is a natural topographic depression, man-made excavation, or diked area formed primarily of earthen materials (although it may be lined with man-made materials), which is designed to hold an accumulation of liquid wastes or wastes containing free liquids, and which is not an injection well or a corrective action management unit. Examples of surface impoundments are holding, storage, settling, and aeration pits, ponds, and lagoons.

(146) Tank--A stationary device, designed to contain an accumulation of solid waste which is constructed primarily of non-earthen materials (e.g., wood, concrete, steel, plastic) which provide structural support.

(147) Tank system--A solid waste or hazardous waste storage or processing tank and its associated ancillary equipment and containment system.

(148) TEQ--Toxicity equivalence, the international method of relating the toxicity of various dioxin/furan congeners to the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin.

(149) Thermal processing--The processing of solid waste or hazardous waste in a device which uses elevated temperatures as the primary means to change the chemical, physical, or biological character or composition of the solid waste or hazardous waste. Examples of thermal processing are incineration, molten salt, pyrolysis, calcination, wet air oxidation, and microwave discharge. (See also "incinerator" and "open burning.")

(150) Thermostat--Has the definition adopted under § 335.261 of this title (relating to Universal Waste Rule).

(151) Totally enclosed treatment facility--A facility

for the processing of hazardous waste which is directly connected to an industrial production process and which is constructed and operated in a manner which prevents the release of any hazardous waste or any constituent thereof into the environment during processing. An example is a pipe in which acid waste is neutralized.

(152) Transfer facility--Any transportation-related facility including loading docks, parking areas, storage areas, and other similar areas where shipments of hazardous or industrial solid waste are held during the normal course of transportation.

(153) Transit country--Any foreign country, other than a receiving country, through which a hazardous waste is transported.

(154) Transport vehicle--A motor vehicle or rail car used for the transportation of cargo by any mode. Each cargo-carrying body (trailer, railroad freight car, etc.) is a separate transport vehicle. Vessel includes every description of watercraft, used or capable of being used as a means of transportation on the water.

(155) Transporter--Any person who conveys or transports municipal hazardous waste or industrial solid waste by truck, ship, pipeline, or other means.

(156) Treatability study--A study in which a hazardous or industrial solid waste is subjected to a treatment process to determine:

(A) whether the waste is amenable to the treatment process;

(B) what pretreatment (if any) is required;

(C) the optimal process conditions needed to achieve the desired treatment;

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(D) the efficiency of a treatment process for a specific waste or wastes; or

(E) the characteristics and volumes of residuals from a particular treatment process. Also included in this definition for the purpose of 40 Code of Federal Regulations § 261.4(e) and (f) (§§ 335.2, 335.69, and 335.78 of this title (relating to Permit Required; Accumulation Time; and Special Requirements for Hazardous Waste Generated by Conditionally Exempt Small Quantity Generators)) exemptions are liner compatibility, corrosion, and other material compatibility studies and toxicological and health effects studies. A treatability study is not a means to commercially treat or dispose of hazardous or industrial solid waste.

(157) Treatment--To apply a physical, biological, or chemical process(es) to wastes and contaminated media which significantly reduces the toxicity, volume, or mobility of contaminants and which, depending on the process(es) used, achieves varying degrees of long-term effectiveness.

(158) Treatment zone--A soil area of the unsaturated zone of a land treatment unit within which hazardous constituents are degraded, transferred, or immobilized.

(159) Underground injection--The subsurface emplacement of fluids through a bored, drilled, or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension. (See also "injection well.")

(160) Underground tank--A device meeting the definition of tank in this section whose entire surface area is totally below the surface of and covered by the ground.

(161) Unfit-for-use tank system--A tank system that

has been determined through an integrity assessment or other inspection to be no longer capable of storing or processing solid waste or hazardous waste without posing a threat of release of solid waste or hazardous waste to the environment.

(162) Universal waste--Any of the hazardous wastes defined as universal waste under § 335.261(b)(13)(F) of this title (relating to Universal Waste Rule) that are managed under the universal waste requirements of Subchapter H, Division 5 of this chapter (relating to Universal Waste Rule).

(163) Universal waste handler--Has the definition adopted under § 335.261 of this title (relating to Universal Waste Rule).

(164) Universal waste transporter--Has the definition adopted under § 335.261 of this title (relating to Universal Waste Rule).

(165) Unsaturated zone or zone of aeration--The zone between the land surface and the water table.

(166) Uppermost aquifer--The geologic formation nearest the natural ground surface that is an aquifer, as well as lower aquifers that are hydraulically interconnected within the facility's property boundary.

(167) Used oil--Any oil that has been refined from crude oil, or any synthetic oil, that has been used, and, as a result of such use, is contaminated by physical or chemical impurities. Used oil fuel includes any fuel produced from used oil by processing, blending, or other treatment. Rules applicable to nonhazardous used oil, oil characteristically hazardous from use versus mixing, conditionally exempt small quantity generator hazardous used oil, and household used oil after collection that will be recycled are found in Chapter 324 of this title (relating to Used Oil Standards) and 40 Code of

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Federal Regulations Part 279 (Standards for Management of Used Oil).

(168) Wastewater treatment unit--A device which:

(A) is part of a wastewater treatment facility subject to regulation under either the Federal Water Pollution Control Act (Clean Water Act), 33 United States Code, §§ 466 et seq., § 402 or § 307(b), as amended;

(B) receives and processes or stores an influent wastewater which is a hazardous or industrial solid waste, or generates and accumulates a wastewater treatment sludge which is a hazardous or industrial solid waste, or processes or stores a wastewater treatment sludge which is a hazardous or industrial solid waste; and

(C) meets the definition of tank or tank system as defined in this section.

(169) Water (bulk shipment)--The bulk transportation of municipal hazardous waste or Class 1 industrial solid waste which is loaded or carried on board a vessel without containers or labels.

(170) Well--Any shaft or pit dug or bored into the earth, generally of a cylindrical form, and often walled with bricks or tubing to prevent the earth from caving in.

(171) Zone of engineering control--An area under the control of the owner/operator that, upon detection of a solid waste or hazardous waste release, can be readily cleaned up prior to the release of solid waste or hazardous waste or hazardous constituents to groundwater or surface water.

**Source:** The provisions of this §335.1 adopted to be effective May 28, 1986, 11 TexReg 2335;

amended to be effective September 1, 1986, 11 TexReg 3692; amended to be effective January 6, 1987, 11 TexReg 5096; amended to be effective July 14, 1987, 12 TexReg 2106; amended to be effective July 27, 1988, 13 TexReg 3515; amended to be effective February 1, 1989, 14 TexReg 316; amended to be effective August 4, 1989, 14 TexReg 3532; amended to be effective November 7, 1991, 16 TexReg 6065; amended to be effective July 29, 1992, 17 TexReg 5017; amended to be effective November 27, 1992, 17 TexReg 8010; amended to be effective June 28, 1993, 18 TexReg 3814; amended to be effective November 23, 1993, 18 TexReg 8218; amended to be effective February 22, 1994, 19 TexReg 969; amended to be effective May 30, 1995, 20 TexReg 3722; amended to be effective February 26, 1996, 21 TexReg 1142; amended to be effective March 1, 1996, 21 TexReg 1425; amended to be effective March 6, 1996, 21 TexReg 2400; amended to be effective November 20, 1996, 21 TexReg 10983; amended to be effective July 16, 1997, 22 TexReg 6456; amended to be effective September 23, 1997, 22 TexReg 9252; amended to be effective October 19, 1998, 23 TexReg 10878; amended to be effective April 4, 1999, 24 TexReg 2352; amended to be effective September 5, 1999, 24 TexReg 6790; amended to be effective December 5, 1999, 24 TexReg 10562; amended to be effective April 30, 2000, 25 TexReg 3547; amended to be effective April 12, 2001, 26 TexReg 2741; amended to be effective May 30, 2001, 26 TexReg 3807; amended to be effective November 15, 2001, 26 TexReg 9135; amended to be effective January 30, 2003, 28 TexReg 715; amended to be effective September 1, 2003, 28 TexReg 6915; amended to be effective August 31, 2006, 31 TexReg 6755; amended to be effective August 16, 2007, 32 TexReg 5010; amended to be effective October 29, 2009, 34 TexReg 7321.

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